

## Biophysics Sc.B. Pre-Planning Worksheet (20 courses)

Course	Semester	Substitution/ Equivalency/Course Name
<b>Physics (2)</b> PHYS 0030/0040* or 0050/0060 or 0070/0160  * PHYS 0050/0060 or 0070/160 sequences are preferable to PHYS 0030/0040		PHYS _____  PHYS _____  ENGN 0040 may substitute PHYS 0030, PHYS 0050 or PHYS 0070 ENGN 0510 may substitute PHYS 0040 or PHYS 0060
<b>Physics (1) 0470</b>		PHYS 0470__
<b>Chemistry (3)</b> CHEM 0330 CHEM 0350 Advanced CHEM		CHEM 0330__    CHEM 0350__  Advanced CHEM_____
<b>Math (3)</b> MATH 0090 or equivalent MATH 0100 or equivalent MATH 0180 or equivalent		MATH 0090__    OR    equivalent_____
		MATH 0100__    OR    equivalent_____
		MATH 0180__    OR    equivalent_____
<b>Biology</b> BIOL 0200 or equivalent 4 BIOL electives (choose from BIOL or NEUR)		BIOL 0200__    OR    equivalent_____
		1. _____
		2. _____
		3. _____
		4. _____
<b>Directed Research</b> (2 semesters of any of the following: BIOL 1950/1960, PHYS 1980, other independent study, summer research —this will not count as course credit)		1. _____  2. _____
<b>4 Electives*</b> , 2 advanced or intermediate  *See the example list of courses on the BUE website		1. _____ 2. _____ 3. _____ 4. _____

## Biophysics Sc.B. Equivalencies & Research Information

Course	Approved Equivalency
MATH 0090	AP / IB Placement or MATH 0050 & 0060 combined (successful completion of MATH 0100 confers retroactive placement)
MATH 0100	AP/ IB Placement for MATH 0100
MATH 0180	AP/ IB Placement for MATH 0180
BIOL 0200	AP / IB or Placement test

**Two semesters of research preferably related to the track.** Options for satisfying the research requirement include:

-Directed Research in Biology (BIOL 1950/1960), Chemistry (CHEM 0970/0980) or Physics (PHYS 1980) or an independent study in a related STEM discipline if relevant to the student's learning goals.

-A summer research experience in equivalent scope and scale to an independent study, but this would not count as course credit toward the concentration and therefore another class would need to substitute for credit toward the degree to meet the 20 credit requirement.

*For additional questions or considerations, please consult with your Concentration Advisor*